Appl. No. 10/538,372; Docket No. NL02 1408 US Response to Notice of Allowance dated February 28, 2008 Amendment dated: March 4, 2008

ABSTRACT

An integrated tuner circuit has an arbitrary IF (intermediate frequency) output. The tuner includes an integrated circuit with a fixed-frequency control loop and a matched external variable capacitance $C_{\rm t}$, to achieve tracking of a tuned LC bandpass filter with an arbitrary oscillator.